

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

02/25/2011

Sarah Solomon
Assistant District Attorney, Suffolk County

Dear ADA Solomon,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Dookhan & Daniel Renczkowski
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Khan".

Annie Khan (Dookhan)
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631
Annie.Khan@state.ma.us



DRUG RECEIPT

CC # _____
BOOK # 66
PAGE # 18
DESTRUCTION #

District/Unit D4/YV5F VK03

Name & Rank of Arresting Officer P.O. Maristy Welsh / MSP DeakID# 11120, 50778

To be completed by ECU personnel only

Name and Rank of Submitting Officer

ID# 9370

Received by

Date

9-29-10

ECU Control #

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.
University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- *Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
- *Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.
- *Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.
- *Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
- *Maintenance and repairs of all analytical instruments.
- *Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.
- * Responsible for the Quality Control/Quality Assurance program for the drug lab.
- *Notary Public.
- *Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- *Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.
- *Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs).
- *Trained and supervised new chemists and interns for the department.
- *Routine QC testing of products for the FDA.
- *Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
- *Calibration, preventive maintenance, QC and QA of analytical instrumentation.
- *Complete testing of chemicals for Vendor Validation Project for the FDA.
- *Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)
GLP/GMP course with Massachusetts Biologic Laboratory.
QC/QA training according to FDA Codes and Regulations.
GC and GC/MS courses with Agilent Technologies and Restek.
HPLC course with Waters Cooperation.
FTIR course with Spectros.
TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)
Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Daniel Renczkowski

Education

Degree: Bachelors of Science in Forensic Chemistry,
May 2005 from Buffalo State College
GPA: 3.84, Dean's List, Honor's Recognition
American Chemical Society Undergraduate Award
Phi Lambda Upsilon Membership

| | | |
|---------------------|-----------------------------|------------------------|
| Related Coursework: | Analytical Chemistry | Physical Chemistry |
| | Organic Chemistry I and II | Instrumental Chemistry |
| | Biochemistry | Forensics Laboratory |
| | Chemistry of Criminalistics | Physical Evidence |
| | Anatomy | Physiology |

Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

Related Experience

Niagara County Forensics Laboratory

Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

No. [REDACTED]

Date Analyzed:

1-3-11

City: Boston D.C.U. Police Dept.

Officer: P.O. MILA DEPINA

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 7 Cont: pb

Date Rec'd: 09/29/2010

No. Analyzed: 1

Gross Wt.: 5.05

Net Weight: 0.07

Tests: 6450

• DJR

Prelim: Cocaine (C)

Findings: Cocaine

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST A39

No. of samples tested: _____ Evidence Wt. _____

PHYSICAL DESCRIPTION: Gross Wt (7): 1.2814

off white chunky substance
117 pbs

Gross Wt (1): 0.2018

Pkg. Wt: _____

Net Wt: 0.0755

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (-) -

Marquis -

Froehde's -

Mecke's -

Microcrystalline Tests

Gold
Chloride +

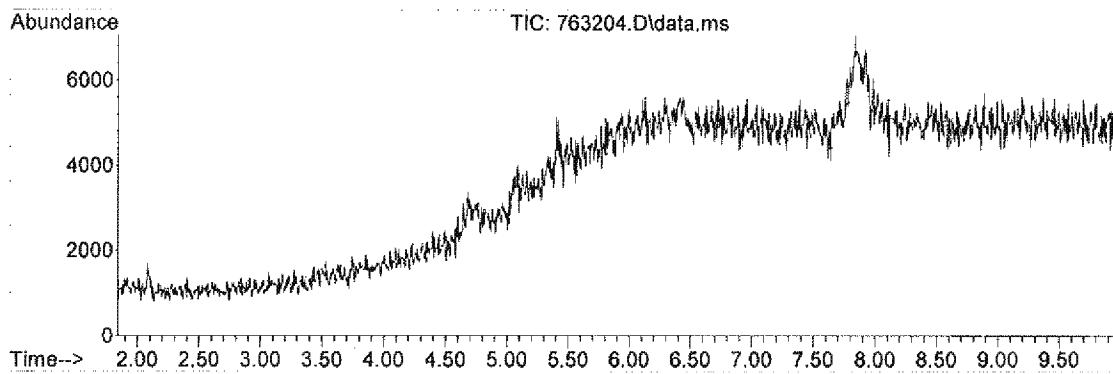
TLTA (-) +

OTHER TESTS

Information from Data File:

File Name : C:\msdchem\1\System7\12_30_10\763204.D
Operator : DJR
Date Acquired : 30 Dec 2010 9:39
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

✓DJR
2-16-11

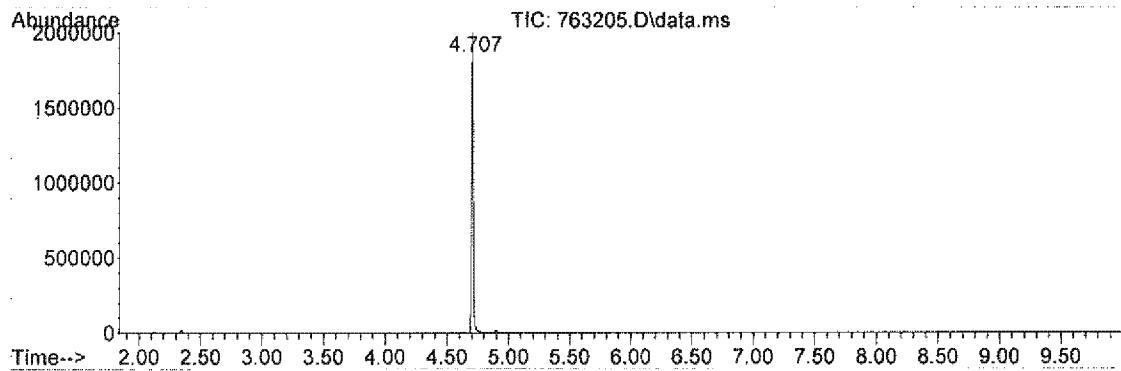


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

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Operator : DJR
Date Acquired : 30 Dec 2010 9:52
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
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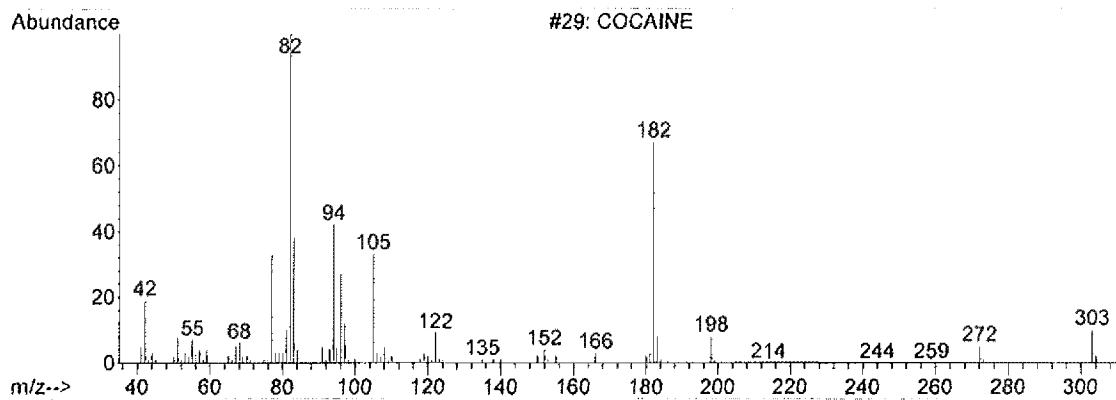
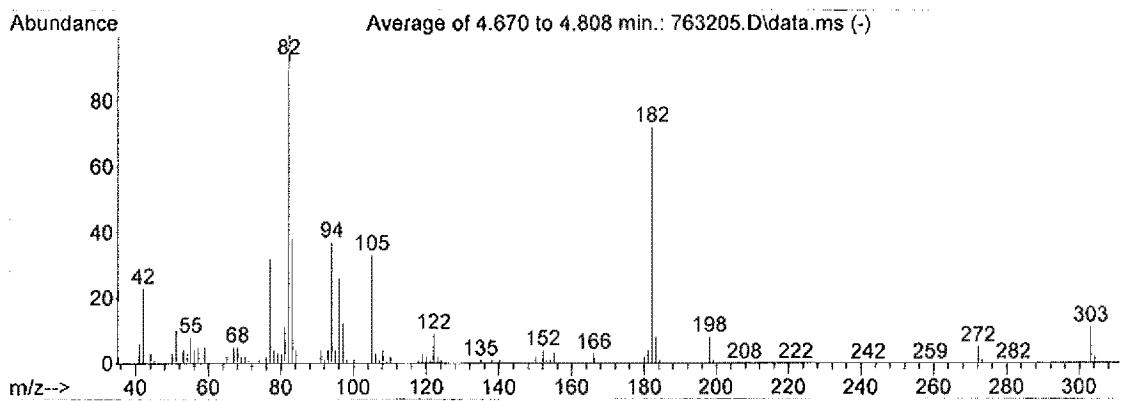
Area Percent / Library Search Report

Information from Data File:

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Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE

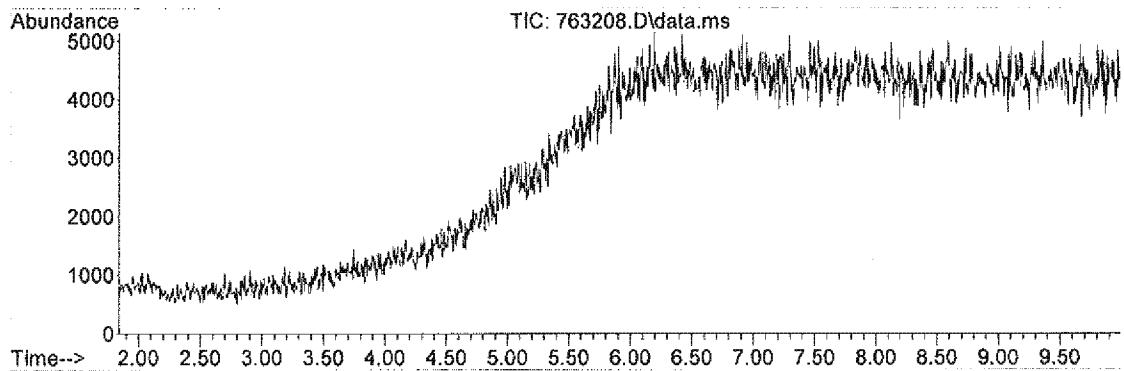
Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------------|-------------|------|
| 1 | 4.71 | C:\Database\SLI.L COCAINE | 000050-36-2 | 99 |



Information from Data File:

File Name : C:\msdchem\1\System7\12_30_10\763208.D
Operator : DJR
Date Acquired : 30 Dec 2010 10:30
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

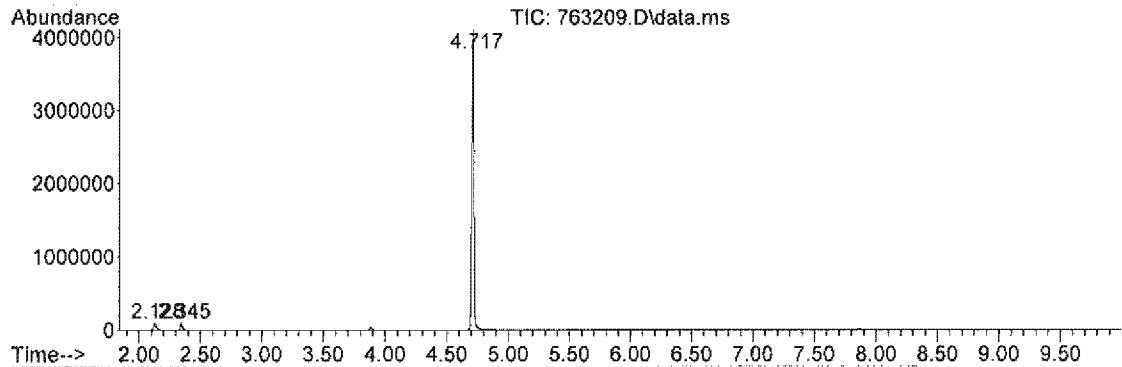


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\msdchem\1\System7\12_30_10\763209.D
Operator : DJR
Date Acquired : 30 Dec 2010 10:42
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 9
AcquisitionMeth: DRUGS.M
Integrator : RTE



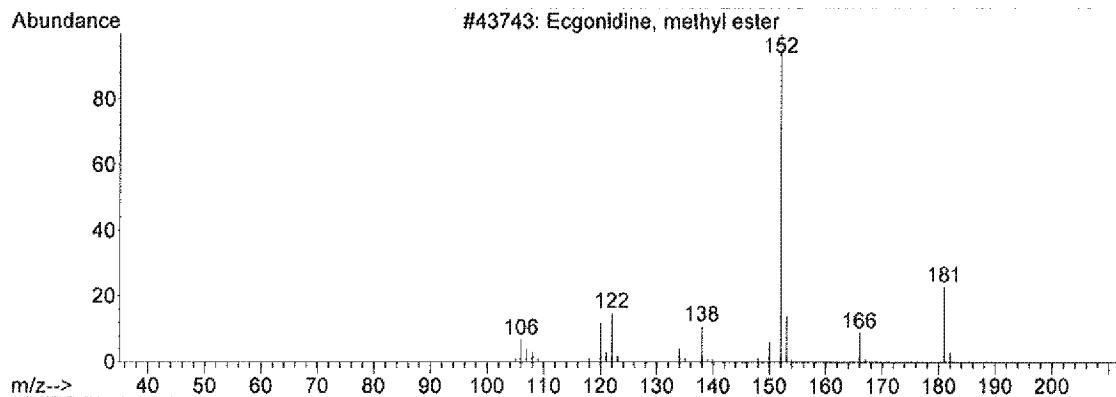
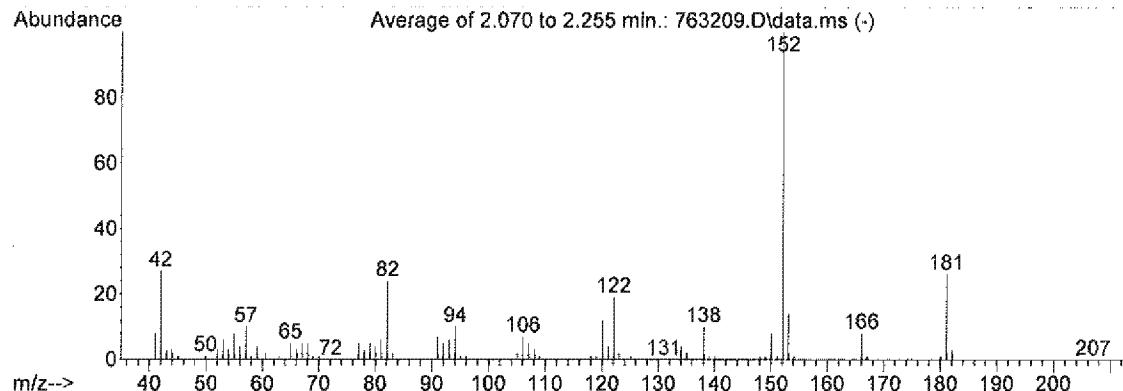
| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 2.128 | 162259 | 3.05 | 3.21 |
| 2.345 | 109269 | 2.05 | 2.16 |
| 4.717 | 5052099 | 94.90 | 100.00 |

Information from Data File:

File Name : C:\msdchem\1\System7\12_30_10\763209.D
Operator : DJR
Date Acquired : 30 Dec 2010 10:42
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 9
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 1 | 2.13 | C:\Database\NIST05a.L | | |
| | | Ecgonidine, methyl ester | 127379-24-2 | 98 |
| | | 2-Carbomethoxy-8-methyl-8-azabicycl | 043021-26-7 | 96 |
| | | 3,5-Dimethoxyphenethylamine | 003213-28-3 | 43 |

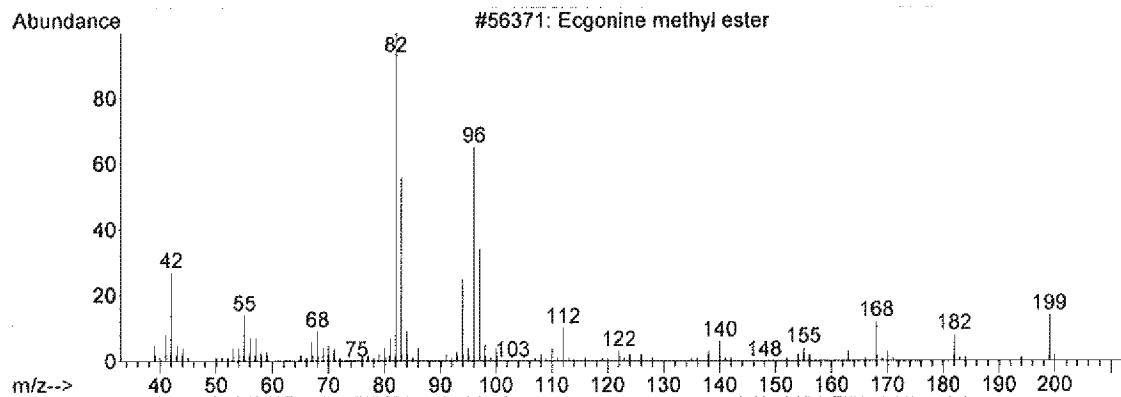
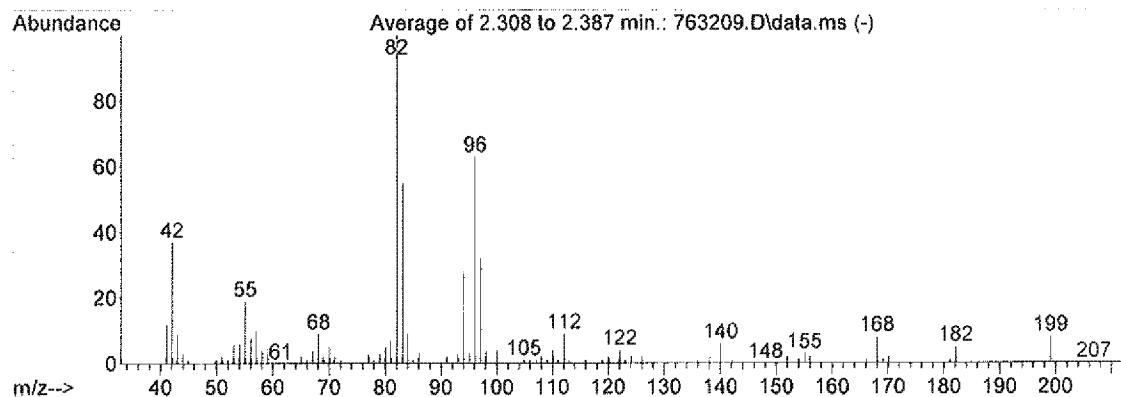


Information from Data File:

File Name : C:\msdchem\1\System7\12_30_10\763209.D
Operator : DJR
Date Acquired : 30 Dec 2010 10:42
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 9
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-----------------------|-------------|------|
| 2 | 2.35 | C:\Database\NIST05a.L | | |
| | | Ecgonine methyl ester | 106293-60-1 | 98 |
| | | Ecgonine methyl ester | 106293-60-1 | 96 |
| | | Ecgonine methyl ester | 106293-60-1 | 96 |



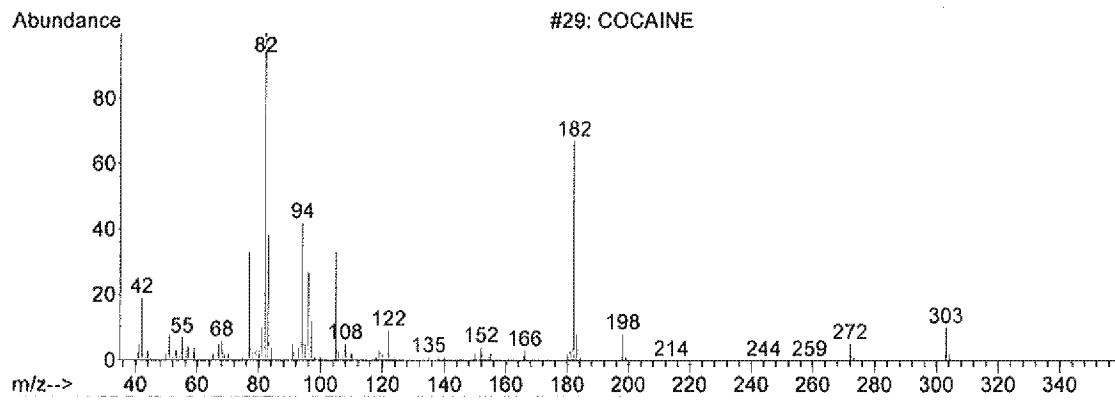
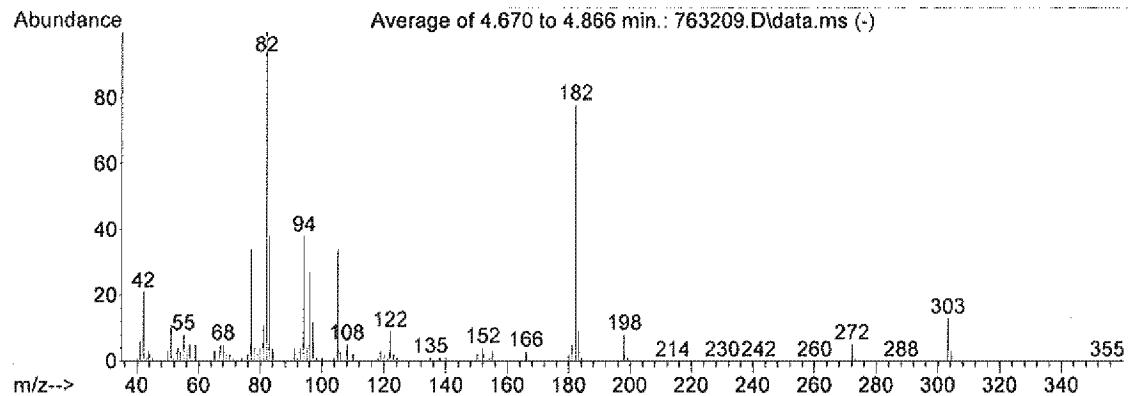
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\12_30_10\763209.D
Operator : DJR
Date Acquired : 30 Dec 2010 10:42
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 9
AcquisitionMeth: DRUGS.M
Integrator : RTE

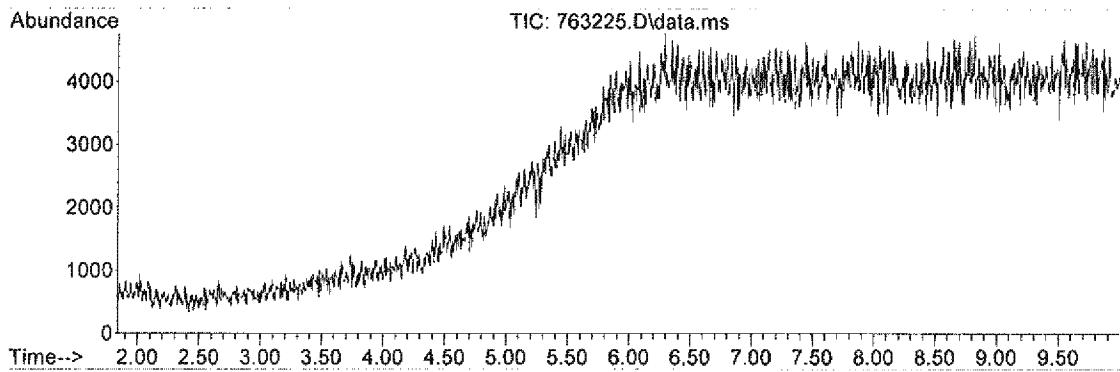
Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------------|-------------|------|
| 3 | 4.72 | C:\Database\SLI.L COCAINE | 000050-36-2 | 99 |



Information from Data File:

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Date Acquired : 30 Dec 2010 14:04
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



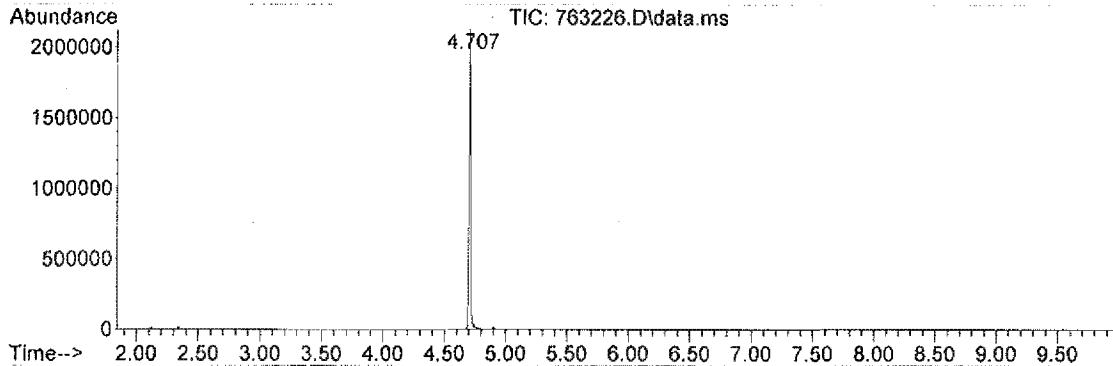
| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\12_30_10\763226.D
Operator : DJR
Date Acquired : 30 Dec 2010 14:16
Sample Name : COCAINE STD
Submitted by :
Vial Number : 26
AcquisitionMeth: DRUGS.M
Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 4.707 | 2087899 | 100.00 | 100.00 |

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\System7\12_30_10\763226.D
Operator : DJR
Date Acquired : 30 Dec 2010 14:16
Sample Name : COCAINE STD
Submitted by :
Vial Number : 26
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 85
C:\Database\NIST05a.L Minimum Quality: 85
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|------------------------------|-------------|------|
| 1 | 4.71 | C:\Database\SLI.L COCAINE | 000050-36-2 | 99 |

